

Micro Bird Inc

RECALL CAMPAIGN

TITLE:	Positive battery feeder stud and battery box installation bolts
TO:	Dealer/Owner
PRODUCT:	Model G5, FORD and GM, school and commercial
FROM:	Standards and Regulations

PLANNING

Description

This document describes the inspection and replacement procedure of the positive battery feeder stud, corroded components and installation of the missing bolts designed to fix the battery box compartment to the frame.

Compliance

Please repair your vehicle and return the reply sheet for reimbursement. *It is necessary to proceed within forty-five days after you have been notice due to the high risk incurred.*

It is recommended that you read all the instructions before starting the repairs.

Manpower

Maximum time allowed for inspection, replacement of corroded components and addition of bolts is one hour.

Material Availability

Following parts are required if bolts are needed:

Product #	Description	Qty	Availability
36E0008	BPHEX GR5 1/4-20X1 A/ADHFILET	6	Micro Bird
36D0087	WASHER PLATE W/NUTS	6	Micro Bird
83A04	FLATW USS ZC 1/4	6	Micro Bird

Following parts are required to replace the positive feeder stud and all corroded parts of the connector:

Product #	Description	Qty	Availability
36D0171	BATTERY FEEDER STUD	1	Micro Bird
6401F/6404F/6410F/6420F/166407	CONNECTOR as provided according to your battery configuration	1 or 2	Micro Bird
36E0036	BBX POS STUD PROTECTOR CAP	1	Micro Bird
76-2890	TY-RAP	1	Micro Bird
N/A	HEAT SHRINK	1 or 2	Micro Bird
N/A	ADHESIVE SEALANT	1	Shop supply
N/A	DIELECTRIC GREASE	1	Shop supply
N/A	RUSTPROOFING (GRAVEL GUARD TYPE)	1	Shop supply
N/A	UTILITY KNIFE (EXACTO)	1	Shop supply
N/A	DRYER	1	Shop supply
N/A	CRIMPING PLIERS	1	Shop supply

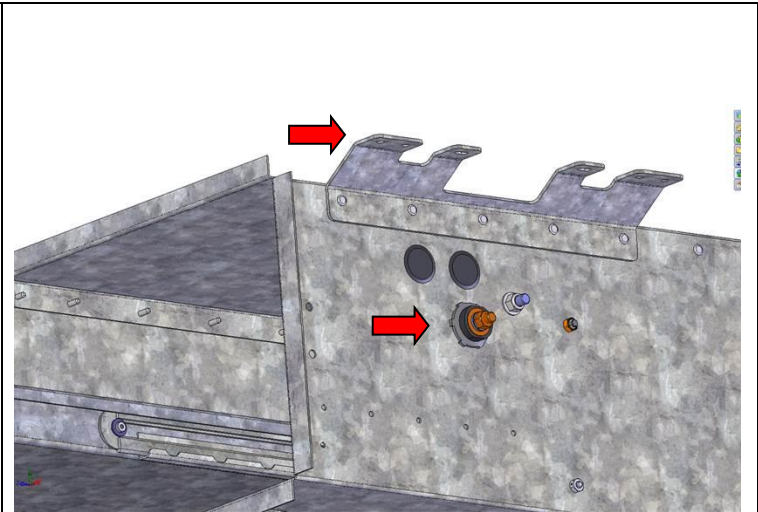
INSPECTION AND PROCEDURE

Step 1 :

Visually inspect as follow :

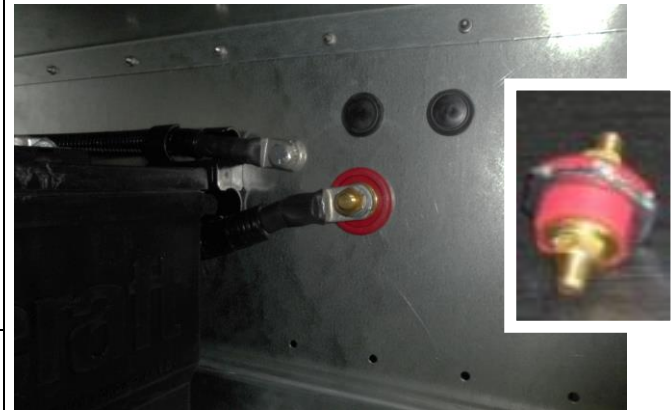
- See if rivets and/or bolts are missing on the bracket designed to install the battery compartment. *Your bracket may be different then the picture.*
 - ↳ If the rivets be missing **and/or** loose, please order your replacement kit. Note that rivets are not designed to support the weight of the battery box without bolts. (See Step 9 for bolts installation).
- See if there is any corrosion in and out the battery box by the positive feeder stud.
 - ↳ If components are corroded, please order your replacement kit.

Before going any further in the procedure, if you have a battery located elsewhere (for example, under the hood), **you must disconnect it before any repair is done** to avoid risk of electrocution.



Step 2 :

Disconnect interior and exterior positive feeder stud connector (terminal).

**Step 3 :**

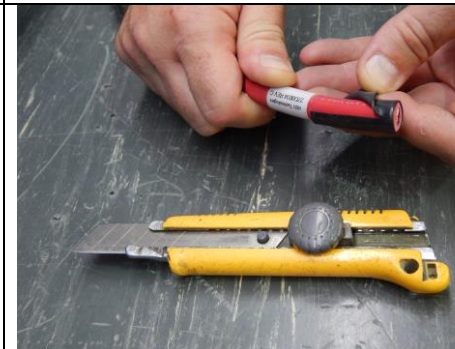
Apply dielectric grease on all interior components of the battery box.

Step 4 :

Cut the cable immediately after the terminal. Make sure not to cut too far from the terminal, your cable may not be long enough to be reinstalled.

**Step 5 :**

With a utility knife, remove the heat shrink without damaging the red protective sheath of the cable. Then slide the new heat shrink over the cable.



Step 6 :

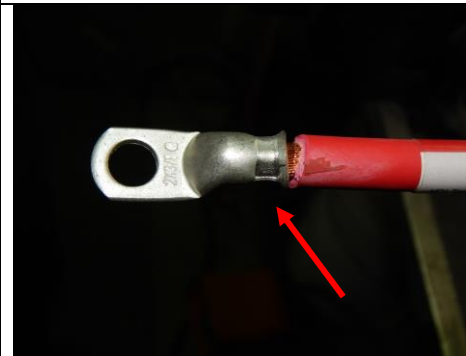
Remove sheath at the end of the cable to fix the connector.



Step 7 :

Crimp the connector and the cable together.

Note : Pull on the connector to verify if it is secure.

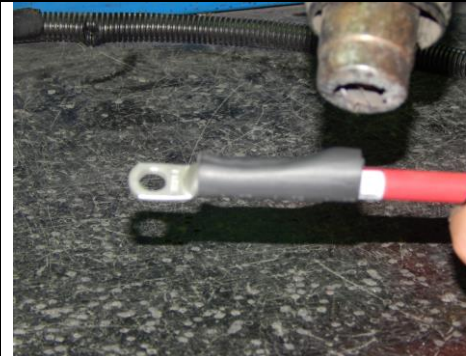


Step 8 :

Move the heat shrink over the connector and heat it up.

Note : If you see a thin line of glue at the extremity of the joint it will indicate that the new connector and cable are tightly sealed.

Please make sure to proceed to **Step 9** before the installation of the stud and connector to have easy access to the battery box supports if the addition of bolts is required.



Step 9 :

If bolts are missing, now is the time to install. Six bolts will be provided (which is more than what you really need).

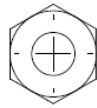
If rivets are missing, please install bolts in these holes.

Please note that you may have another model of bracket.

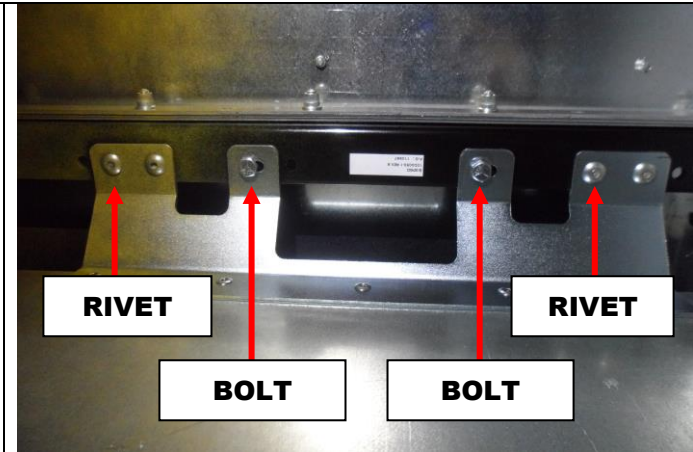
Rivet :
has a convex and rounded top.



Bolt :
has a flat and six-side top.



Whether the stud and connector need to be replaced or not, please proceed to the instructions below before installing the red protective cap at **Step 11**.



Step 10 :

Clean all corrosion and rustproofing around the **feeder stud** and the **terminal** before. Install the new stud and cable if needed.

Apply dielectric grease.



Step 11 :

Install the red protective cap and attach the ty-rap around the cables. Remove all grease to assure adhesion of the sealant.

**Step 12 :**

Apply the sealant around the protective cap, including under the positive thread.

**Step 13 :**

Add rustproofing and reinstall the battery.